

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	12	("20020037062"   "20020071384"   "20020080867"   "20020118772"   "20030043732"   "20030152155"   "20050074068"   "5519733"   "6005897"   "6507628"   "6553063"   "6690746").PN. OR ("7123663").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/02/19 12:07
L6	3	("5966373"   "6424689").PN. OR ("6999446").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/02/19 12:39
L7	0	modulat\$3 same (encod\$3 and bit\$2 and sequence and symbol\$2 ((Trellis) or (tcm) or (turbo near Trellis) or (ttcm)) and (ucod\$4 near modulat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/02/19 13:09
L8	0	modulat\$3 same (encod\$3 and bit\$2 and sequence and symbol\$2 and (ucod\$4 near4 modulat\$4) and map\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/02/19 13:10
L9	81	modulat\$3 same (encod\$3 and bit\$2 and sequence and symbol\$2 and (uncod\$4 near4 modulat\$4) and map\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/02/19 13:10
L10	0	modulat\$3 same (encod\$3 and bit\$2 and sequence and symbol\$2 and (ucod\$4 near modulat\$4) and map\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/02/19 13:11
L11	6	modulat\$3 same (encod\$3 and bit\$2 and sequence and symbol\$2 and (uncod\$4 near modulat\$4) and map\$4 and punctur\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/02/19 13:11

## EAST Search History

L12	10	modulat\$3 same (encod\$3 and bit\$2 and (uncod\$4 near modulatt\$4) and map\$4 and punctur\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/02/19 13:20
L13	3	(Ungerboeck near Gottfried) and zero near excess	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/02/19 14:13
S1	2	"20040174937"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/28 09:32
S2	327	modulat\$3 same (encod\$3 and bit\$2 and sequence and symbol\$2 and nyquist)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/28 09:40
S3	8	modulat\$3 same (encod\$3 and bit\$2 and sequence and symbol\$2 and nyquist and Trellis and turbo near Trellis)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/28 10:03
S4	10	("20020181549"   "5228058"   "5461640"   "5621768"   "6396886"   "6404806"   "6408022"   "6671313"   "6724849"   "6778618").PN. OR ("7058147").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/28 09:54
S5	232	modulat\$3 same (encod\$3 and bit\$2 and sequence and symbol\$2 and nyquist and Trellis or tcm and turbo near Trellis or ttcmm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/28 12:48